

# **GB2187191**

Publication Title:

Protection of proteins and the like

Abstract:

Abstract of GB2187191

Sensitive proteins and other macromolecules, such as enzymes, antibodies, antigens, serum complement, fluorescent proteins, vaccine components, polysaccharides such as agarose etc., can be preserved by drying at ambient temperature and at atmospheric pressure in the presence of trehalose. A porous matrix impregnated with trehalose is provided as a receiver for a blood or other liquid sample to be dried. Data supplied from the esp@cenet database - Worldwide

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# (12) UK Patent Application (19) GB (11) 2 187 191 (13) A

(43) Date of printing by UK Office 3 Sep 1987

(21) Application No 8704890

(22) Date of filing 9 Jul 1986

(30) Priority data

(31) 8517352 (32) 9 Jul 1985 (33) GB  
8613066 29 May 1986

(86) International application data  
PCT/GB86/00396 En 9 Jul 1986

(87) International publication data  
WO87/00196 En 15 Jan 1987

(51) INT CL<sup>4</sup> (as given by ISA)  
C12N 9/96 A61K 39/00 G01N 33/52 33/531 33/543

(52) Domestic classification (Edition I)  
C3H 513 529 HX1 HX2  
U1S 1337 C3H

(56) Documents cited by ISA  
GB A 2126588 EP A 0111216  
GB A 2016687 FR A 2532178  
GB A 2009198 FR A 2406999  
EP A 0140489 US 1855591  
Patents Abstracts of Japan, volume 9, no. 323 JPA  
60149972

(58) Field of search by ISA  
IPC<sup>4</sup> G01N; C12N; C12Q; A61K

(71) Applicant

Quadrant Bioresources Limited

(Incorporated in United Kingdom),

Manor Farm, Soulbury, Near Leighton Buzzard,  
Bedfordshire

(72) Inventor

Bruce Joseph Roser

(74) Agent and/or Address for Service  
Marks & Clerk, 57—60 Lincoln's Inn Fields, London  
WC2A 3LS

## (54) Protection of proteins and the like

(57) Sensitive proteins and other macromolecules, such as enzymes, antibodies, antigens, serum complement, fluorescent proteins, vaccine components, polysaccharides such as agarose etc., can be preserved by drying at ambient temperature and at atmospheric pressure in the presence of trehalose. A porous matrix impregnated with trehalose is provided as a receiver for a blood or other liquid sample to be dried.

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